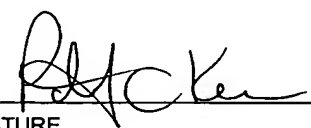


Substitute for Form PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 034193-031	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/552277</b>	
INTERNATIONAL APPLICATION NO. PCT/EP2004/003040		INTERNATIONAL FILING DATE 23 March 2004 (23.March.2004)		PRIORITY DATE CLAIMED 04 April 2003 (04.04.2003)	
TITLE OF INVENTION  LOW-VOLTAGE MODULE					
APPLICANT(S) FOR DO/EO/US MERKEL, Hans-Peter; and ZANK, Gunner					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items 11 to 21 below concern document(s) or information included:					
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. 14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <u>General Authorization for Petitions for Extensions of Time and Payment of Fees; Application Data Sheet; and PCT/ISA/210</u> _____ _____ _____ _____					

U.S. APPLICATION NO. <b>10/552271</b>		INTERNATIONAL APPLICATION NO. <b>PCT/EP2004/003040</b>		ATTORNEY'S DOCKET NUMBER <b>034193-031</b>	
21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>ABB Patent GmbH, Ladenburg, Germany</u> _____ _____ _____ _____				<b>CALCULATIONS PTO USE ONLY</b>     	
22. <input checked="" type="checkbox"/> The following fees are submitted:					
Basic Filing Fee (1631)				\$ 300.00	
Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492(e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total Claims	17	-20 =	0	X \$50.00 (1615)	\$ 0.00
Independent Claims	1	-3 =	0	X \$200.00 (1614)	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00 (1616)	
Examination Fee				+ \$200.00 (1633)	\$ 200.00
Search Fee				+ \$400.00 (1642)	\$ 400.00
App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)					
TOTAL OF ABOVE CALCULATIONS =					\$ 900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+	\$ 0.00
SUBTOTAL =					\$ 900.00
Processing fee of \$130.00 (1618) for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30					\$ 0.00
TOTAL NATIONAL FEE =					\$ 900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +					
TOTAL FEES ENCLOSED =					\$ 900.00
				Amount to be refunded :	
				charged :	
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u> . A duplicate copy of this sheet is enclosed.					
d. <input checked="" type="checkbox"/> Charge \$ 900.00 to credit card. Form PTO-2038 is attached.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620			 SIGNATURE		
			Patrick C. Keane NAME		
			32,858      October 4, 2005 REGISTRATION NO.      DATE		

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Hans-Peter MERKEL et al.	)	Group Art Unit:
Application No.:	)	Examiner:
Filed: October 4, 2005	)	Confirmation No.:
For: LOW VOLTAGE MODULE	)	
	)	
	)	
	)	
	)	

**GENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


In accordance with 37 C.F.R. § 1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date: October 4, 2005

By:   
Patrick C. Keane  
Registration No. 32,858

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